

SERIAL NO. 08/385229
~~07/946.236~~

INFORMATION DISCLOSURE CITATION

APPLICANT
Smith et al.

FILING DATE
September 15, 1992

GROUP

1806

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U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Handwritten marks]</i>	675285	6/23/87	Clark et al.	435	6	
<i>[Handwritten marks]</i>	4770995	9/13/88	Rubin et al.	L36	544	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											
	C	61	2	9	3	9	2	4	12/24/86	Niitsu (JAPAN)	A61K	37/02		X
	D	2	2	1	8	1	0	1	11/8/89	Dayer and Seckinger (UK)	C07K	15/14	X	
	E	W09	0	1	3	5	7	5	11/15/90	(WO)	C07K	15/14	X	
	F	0	4	2	2	3	3	9	7/17/90	(EP)	C12N	15/12	X	
	G	0	3	0	8	3	7	8	6/89	Wallach et al. (EP)	C12N	15/00	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENTS (including references)		
AA		Pennica et al., "Human tumour necrosis factor: precursor structure, expression and homology to lymphotoxin," <u>Nature</u> <u>312</u> : 724 (1984).
AB		Gray et al., "Cloning and expression of cDNA for human lymphotoxin, a lymphokine with tumour necrosis activity," <u>Nature</u> <u>312</u> : 721 (1984).
AC		Baglioni et al., "Binding of Human Tumor Necrosis Factor to High Affinity Receptors on HeLa and Lymphoblastoid Cells Sensitive to Growth Inhibition," <u>J. Biol. Chem.</u> <u>260</u> :13395 (1985).

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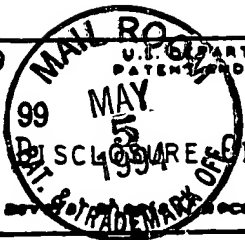
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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AN	Yonehara et al., "A Cell-Killing Monoclonal Antibody (ANTI-Fas) To A Cell Surface Antigen Co-Downregulated with the Receptor of Tumor Necrosis Factor," J. Exp. Med. 167:1511 (1988).
AO	Peetre et al., "A tumor necrosis factor binding protein is present in human biological fluids," Eur. J. Haematol. 41:414 (1988).

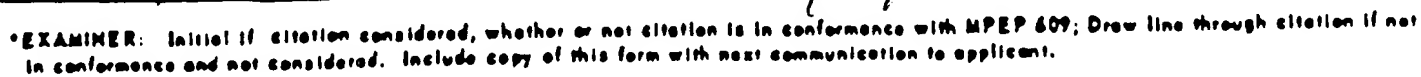
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APPLICANT
Smith, Craig et al.

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													YES	NO
28	C	61	2	9	3	9	2	4	12/24/86	Niitsu (JAPAN)				
28	D	2	2	1	8	1	0	1	11/8/89	Dayer and Seckinger (UK)				
28	E	WO9	0	1	3	5	7	5	11/15/90	(WO)				
28	F	0	4	2	2	3	3	9	7/17/90	(EP)				
28	G	0	3	0	8	3	7	8		Wallach et al. (EP)				

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JS	AA	Pennica et al., "Human tumour necrosis factor: precursor structure, expression and homology to lymphotoxin," <u>Nature</u> 312: 724 (1984).
JS	AB	Gray et al., "Cloning and expression of cDNA for human lymphotoxin, a lymphokine with tumour necrosis activity," <u>Nature</u> 312: 721 (1984).
JS	AC	Baglioni et al., "Binding of Human Tumor Necrosis Factor to High Affinity Receptors on HeLa and Lymphoblastoid Cells Sensitive to Growth Inhibition," <u>J. Biol. Chem.</u> 260:13395 (1985).

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JS	AD	Aggarwall et al., "Characterization of receptors for human tumour necrosis factor and their regulation by γ -interferon," <u>Nature</u> 318:665 (1985).
JS	AE	Yoshie et al., "Binding and Crosslinking of ^{125}I -Labeled Recombinant Human Tumor Necrosis Factor to Cell Surface Receptors," <u>J. Biochem.</u> 100:531 (1986).
JS	AF	Israel et al., "Binding of Human TNF- α To High-Affinity Cell Surface Receptors: Effect of IFN," <u>Immunology Letters</u> 12:217 (1986).

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AG	Creasley et al., "A high molecular weight component of the human tumor necrosis factor receptor is associated with cytotoxicity," <u>Proc. Natl. Acad. Sci. USA</u> 84:3293 (1987).
AH	Stauber et al., "Human Tumor Necrosis Factor- α Receptor," <u>J. Biol. Chem.</u> 263:19098 (1988).
AI	Aggarwal and Eessalu, "Induction of Receptors for Tumor Necrosis Factor- α by Interferons Is Not a Major Mechanism for Their Synergistic Cytotoxic Response," <u>J. Biol. Chem.</u> 262:10000 (1987).

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APPLICANT Smith et al.

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JS	AP	Seckinger et al., "A Human Inhibitor of Tumor Necrosis Factor α ," <u>J. Exp. Med.</u> <u>167</u> :1511 (1988).
JS	AQ	Seckinger et al., "Purification and Biologic Characterization of a Specific Tumor Necrosis Factor α Inhibitor," <u>J. Biol. Chem.</u> <u>264</u> :11966 (1989).
JS	AR	Engelmann et al., "A Tumor Necrosis Factor-binding Protein Purified to Homogeneity from Human Urine Protects Cells from Tumor Necrosis Factor Toxicity," <u>J. Biol. Chem.</u> <u>264</u> :11974 (1989).

EXAMINER John Lucas

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JS	AV	Yamasaki et al., Cloning and Expression of the Human Interleukin-6 (BSF-2/IFN β 2) Receptor," <u>Science</u> 241:825 (1988).
JS	AW	Sims et al., "cDNA Expression Cloning of the IL-1 Receptor, a Member of the Immunoglobulin Superfamily," <u>Science</u> 241:585 (1988).
JS	AX	Tsujimoto et al., Arch. Biochem. and Biophys., "Characterization and Affinity Crosslinking of Receptors for Tumor Necrosis" 563-568 (1986).

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JS	AAB		<p>Meier et al., "Complementary DNA cloning of a receptor for tumor necrosis factor and demonstration of a shed form of the receptor" <i>Proc. Natl. Acad. Sci. U.S.</i>, 87:6151-6155 (1990).</p>
JS	AAC		<p>Loetscher et al., "Molecular cloning and expression of the human 55 kd tumor necrosis factor receptor" <i>Cell</i> 61:351-359 (1990).</p>
JS	AAD		<p>Schall et al., "Molecular cloning and expression of a receptor for human tumor necrosis factor" <i>Cell</i> 61:361-370 (1990).</p>

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JS	AAE		Engelmann et al., "Two tumor necrosis factor-binding proteins purified from human urine" <i>J. Biol. Chem.</i> 265:1531-1536 (1990).
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